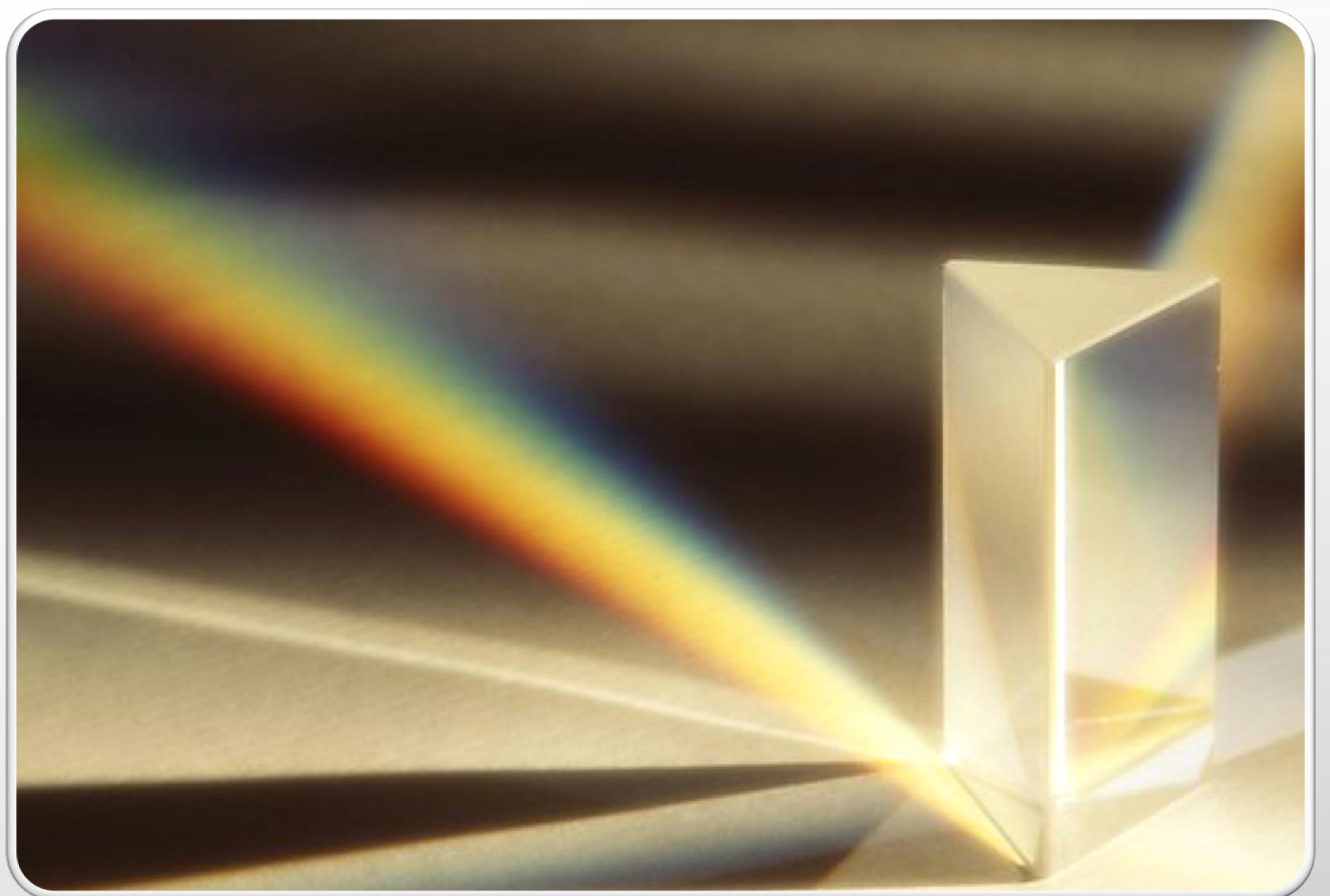
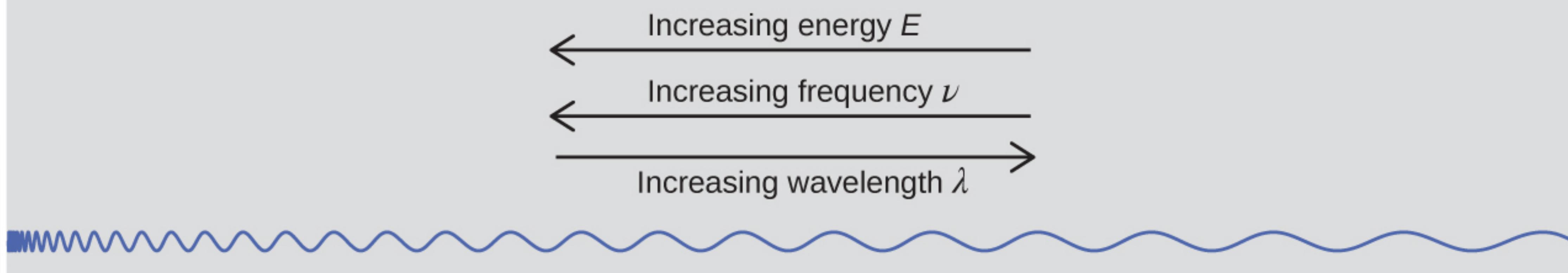


ASTR100 DISCUSSION

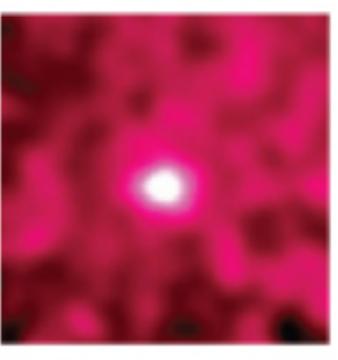
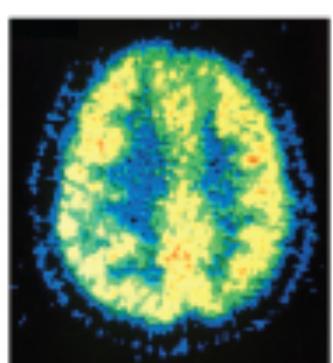
WEEK 4

Electromagnetic Spectrum of Light
Telescopes and Earth's Atmosphere
(Greenhouse Effect)





PET scan



Cosmic ray



X-ray

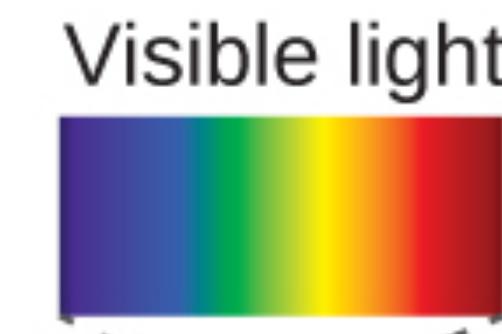
Night vision



Dental curing



Remote



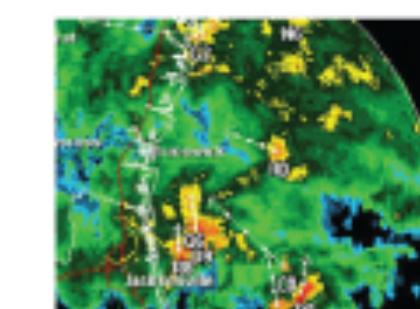
Visible light



Microwave oven



Wireless data



Radar



Cell phone



AM radio

Gamma

X-ray

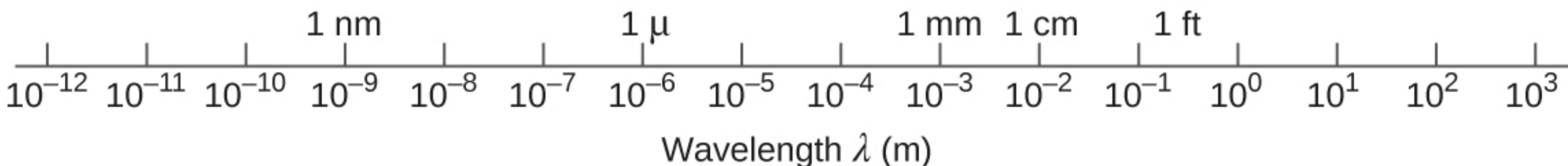
Ultraviolet

Infrared

Terahertz

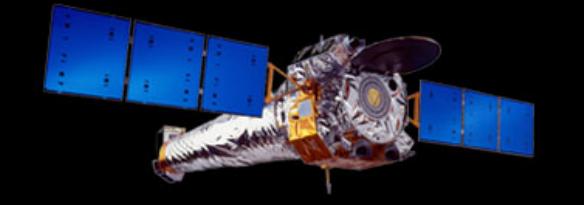
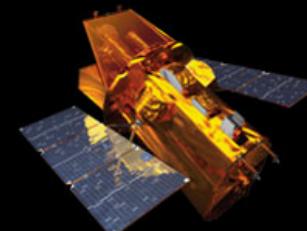
Microwave

Broadcast and wireless radio

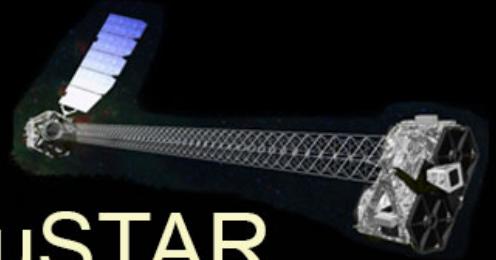




Swift



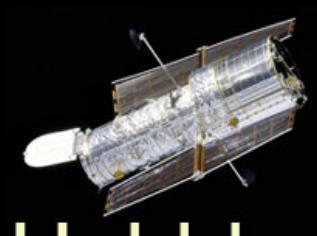
Chandra



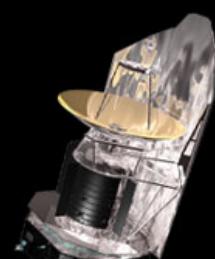
NuSTAR



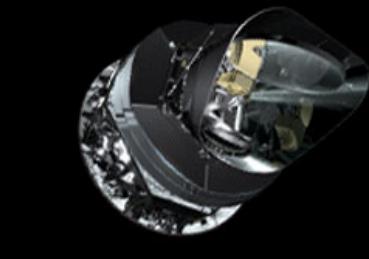
Kepler



Hubble



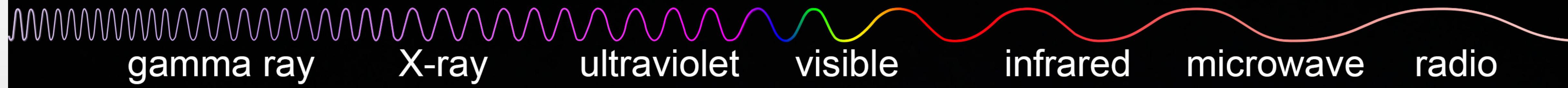
Herschel



Planck



Spektr-R



HESS



SALT



Gemini



CARMA



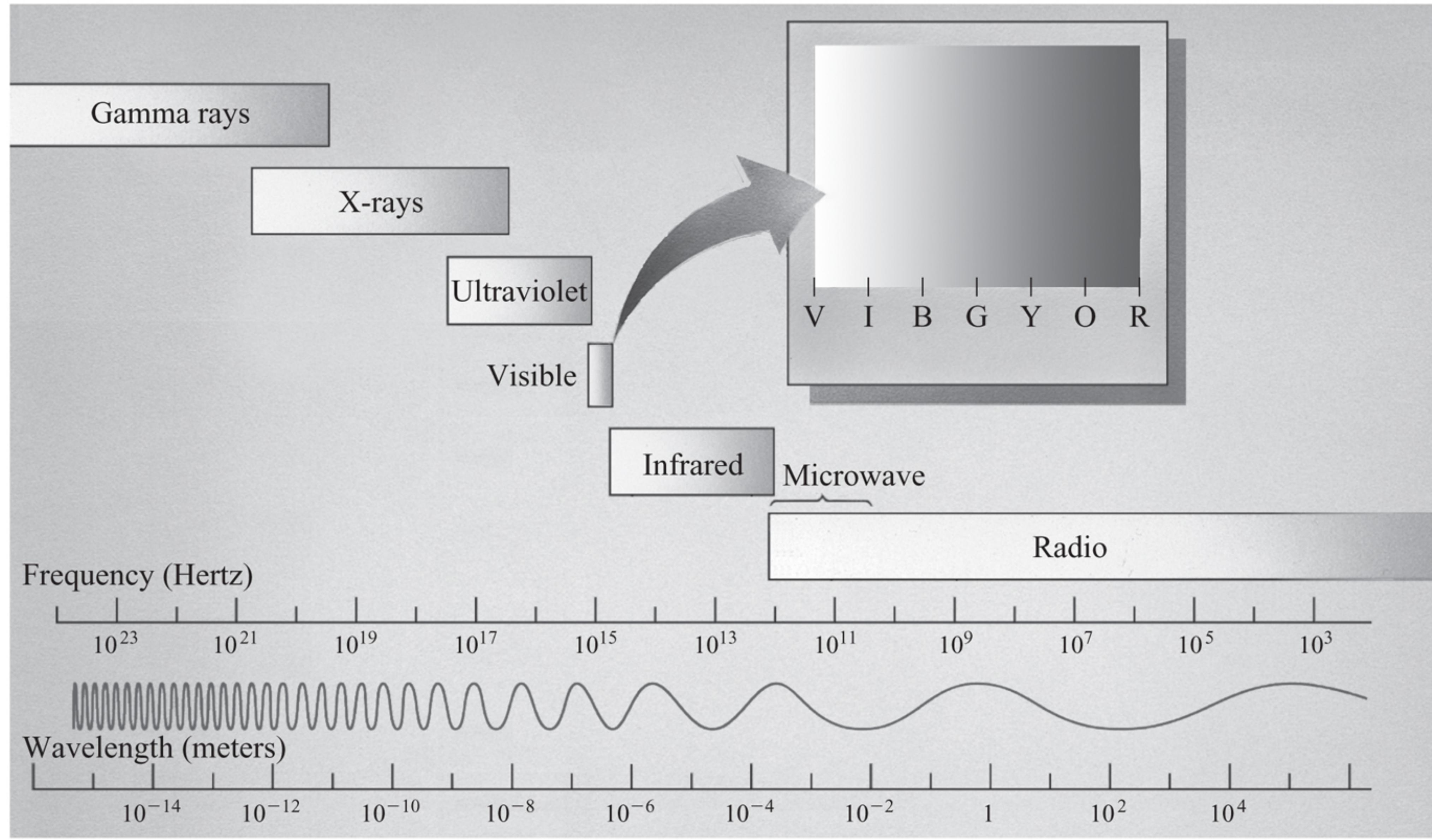
Greenbank

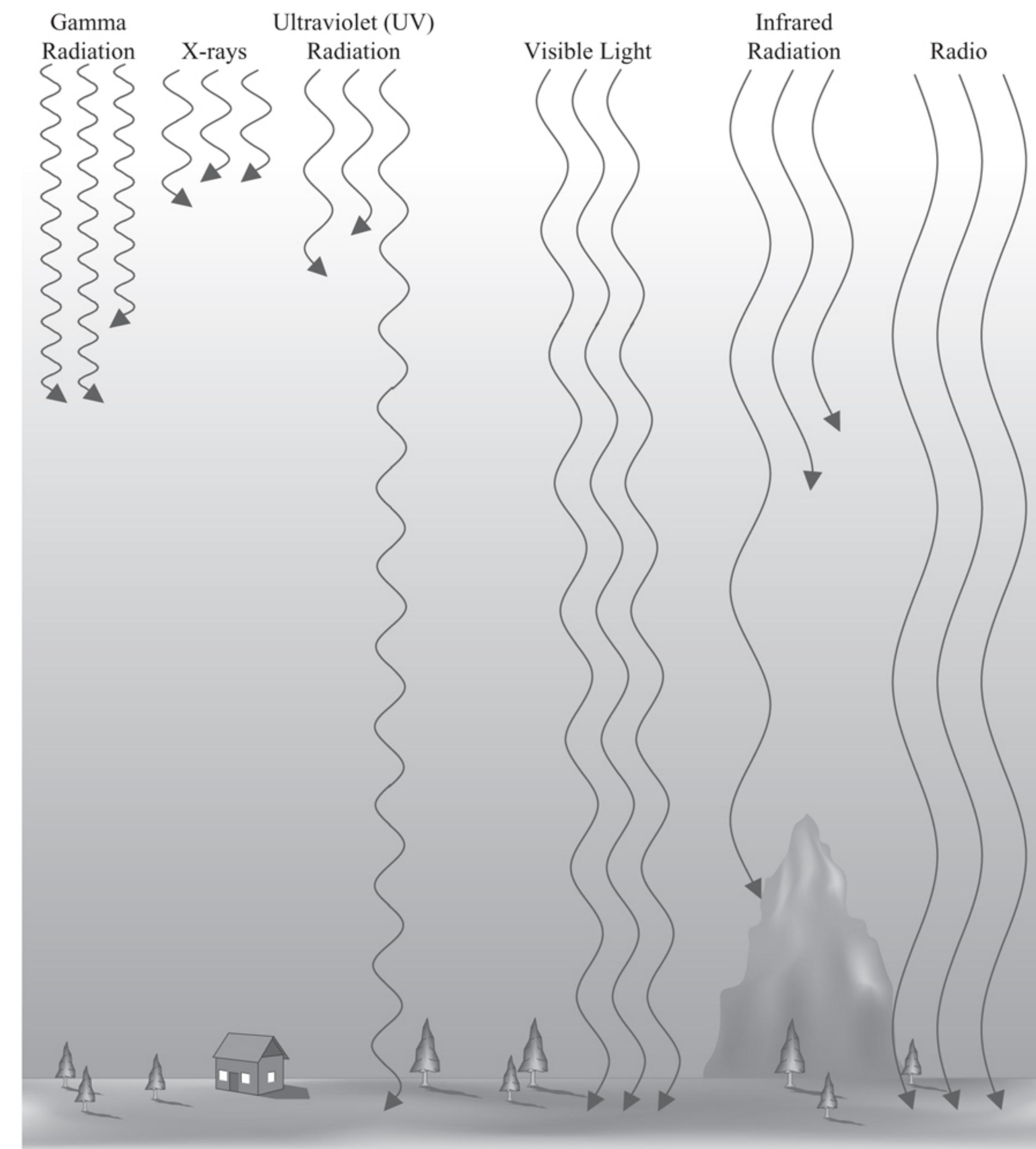


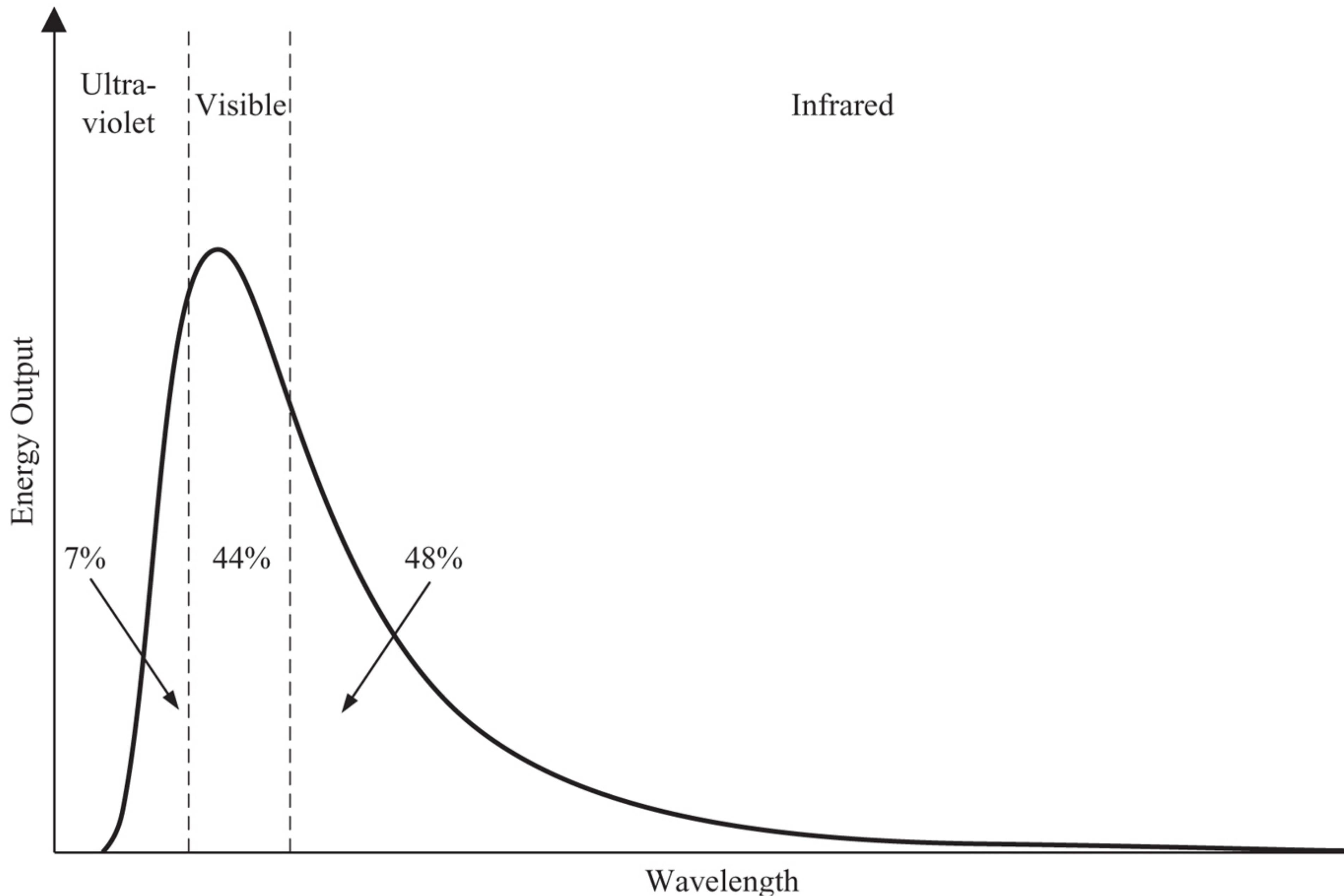
VLA

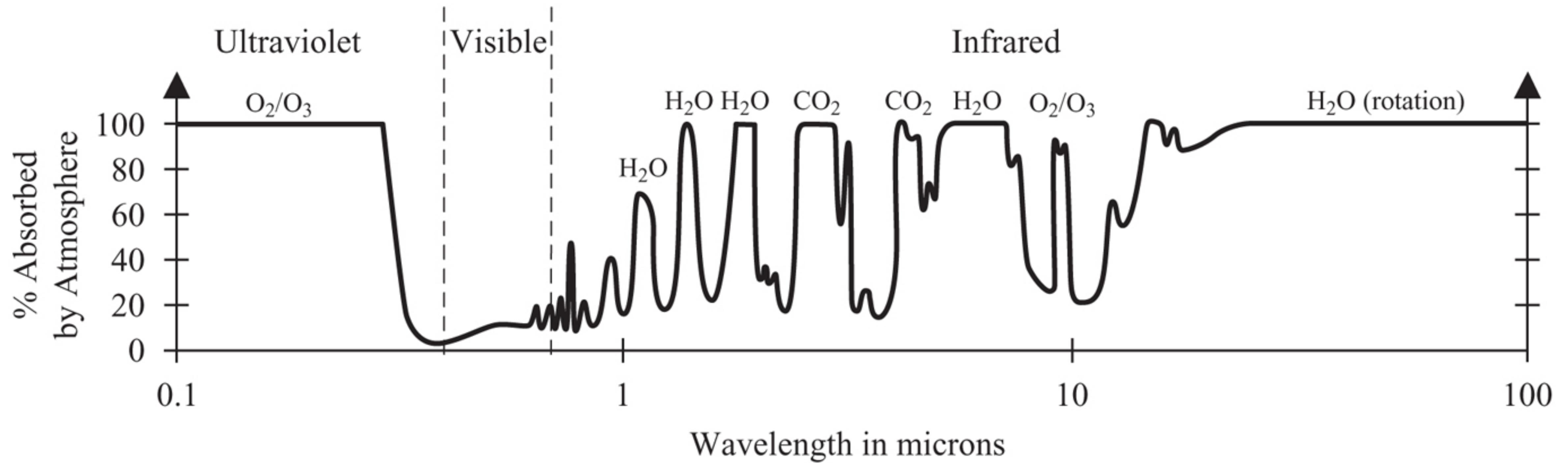


SOFIA









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Type of Light	Molecule(s) Responsible for Absorption
Ultraviolet	
Visible	
Infrared	

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